

Crystal ball questions on Structural formula (aka displayed, expanded structural formula) practice

All of the following questions have not (as yet!) appeared in the NCEA Level 2 Exams

QUESTIONS:

- i) draw the structural formula for each organic substance and...
- ii) circle the functional group of each substance and...
- iii) name the homologous series that the substance is in

hexane	<i>cis</i> pent-2-ene	<i>trans</i> pent-2-ene
1,1,2,2-tetrafluoroethene	polybutene	4-methylpentan-1-ol
methylamine	4-methylpentanoic acid	2,2,3,3-tetramethylbutane
2,2-dimethylbutan-1-ol	pentan-3-ol	ethylpropylamine

3,3-dimethylbutan-2-ol	propandioic acid	propan-1,2,3-triol
<i>cis</i> 1,2-dichloropropene	<i>trans</i> 1,2-dichloropropene	2-chloro-3-methylbutan-1-ol
dimethylamine	1-bromo-4-ethylhexane	N-methylaminopropane
4-amino-2-methylbutanoic acid	3-ethyl-2,4-dimethylpentane	<i>cis</i> 1,2-dibromopropene